

FIG. 1

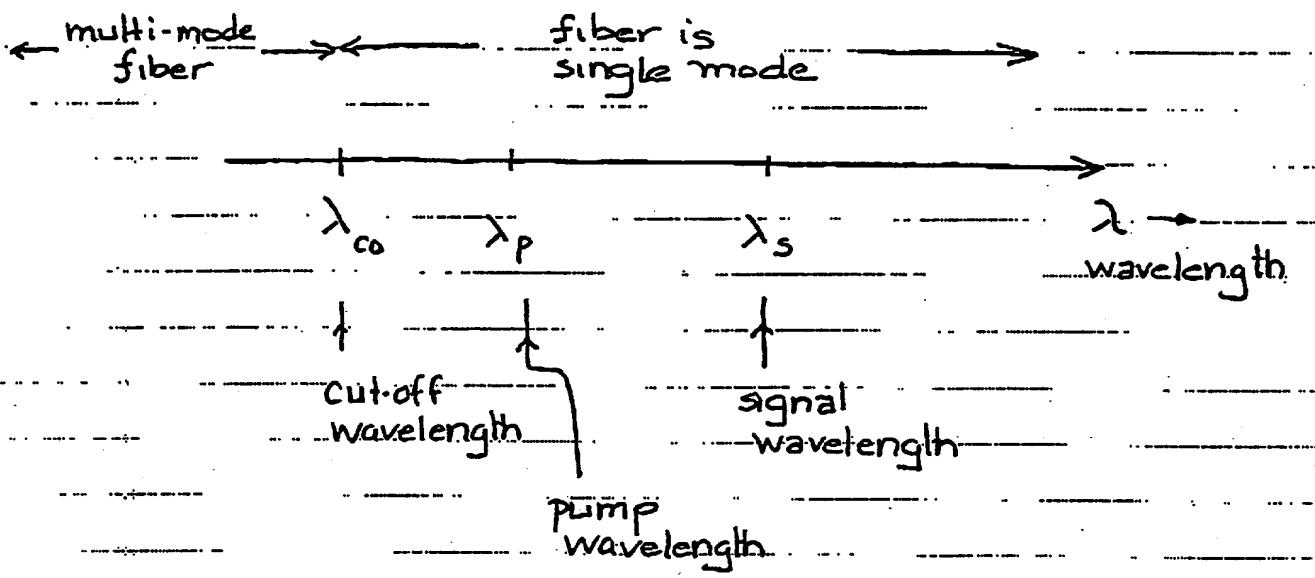


FIG. 2

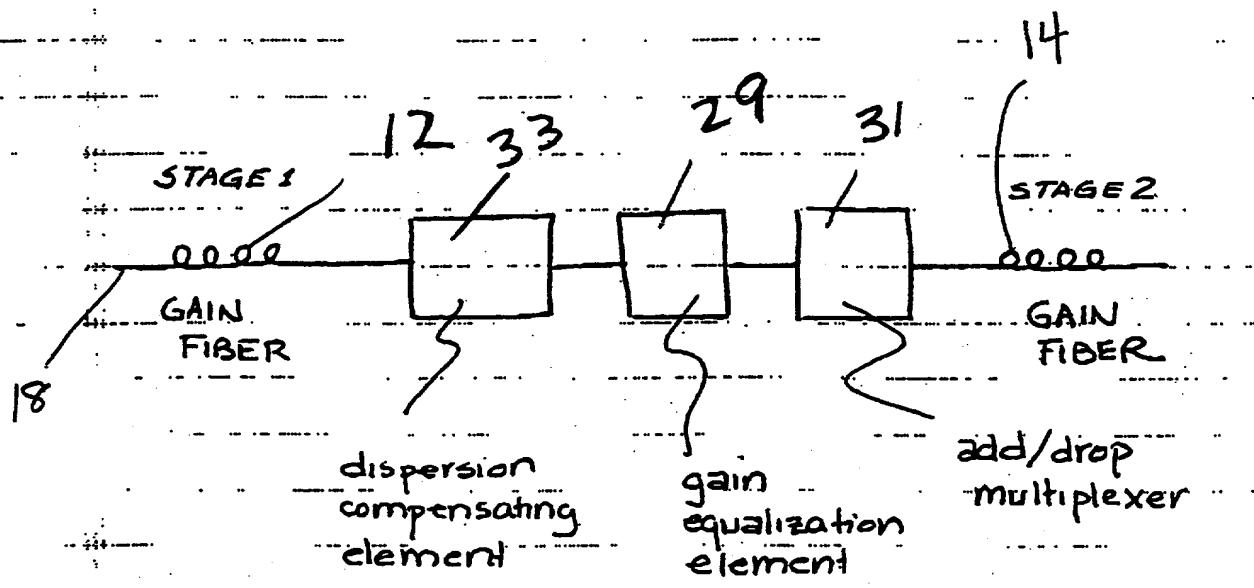


FIG. 3

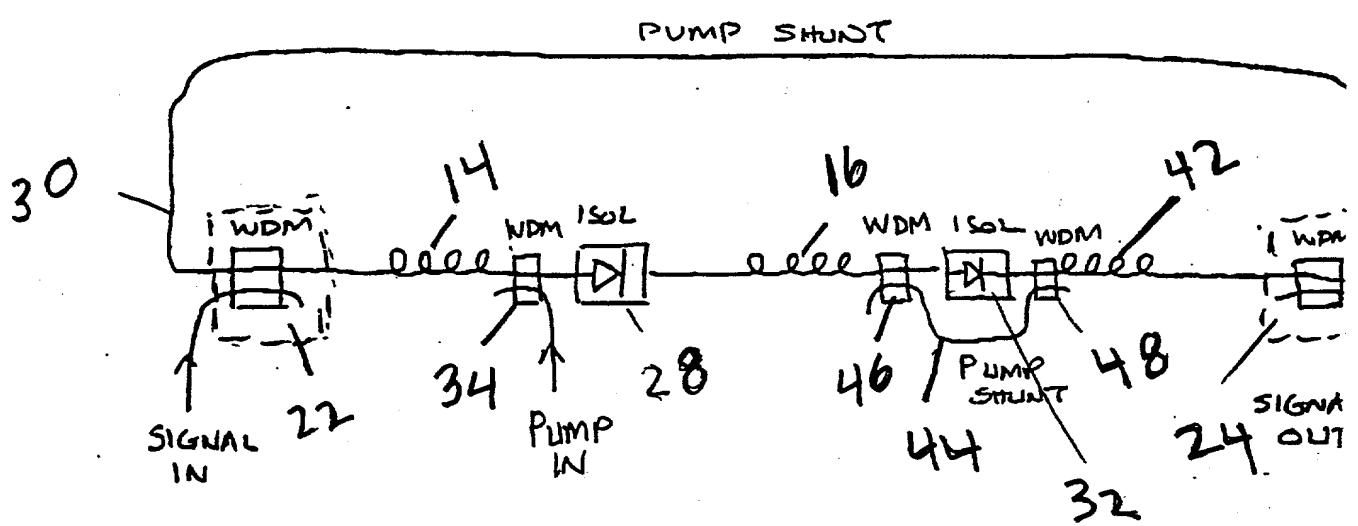
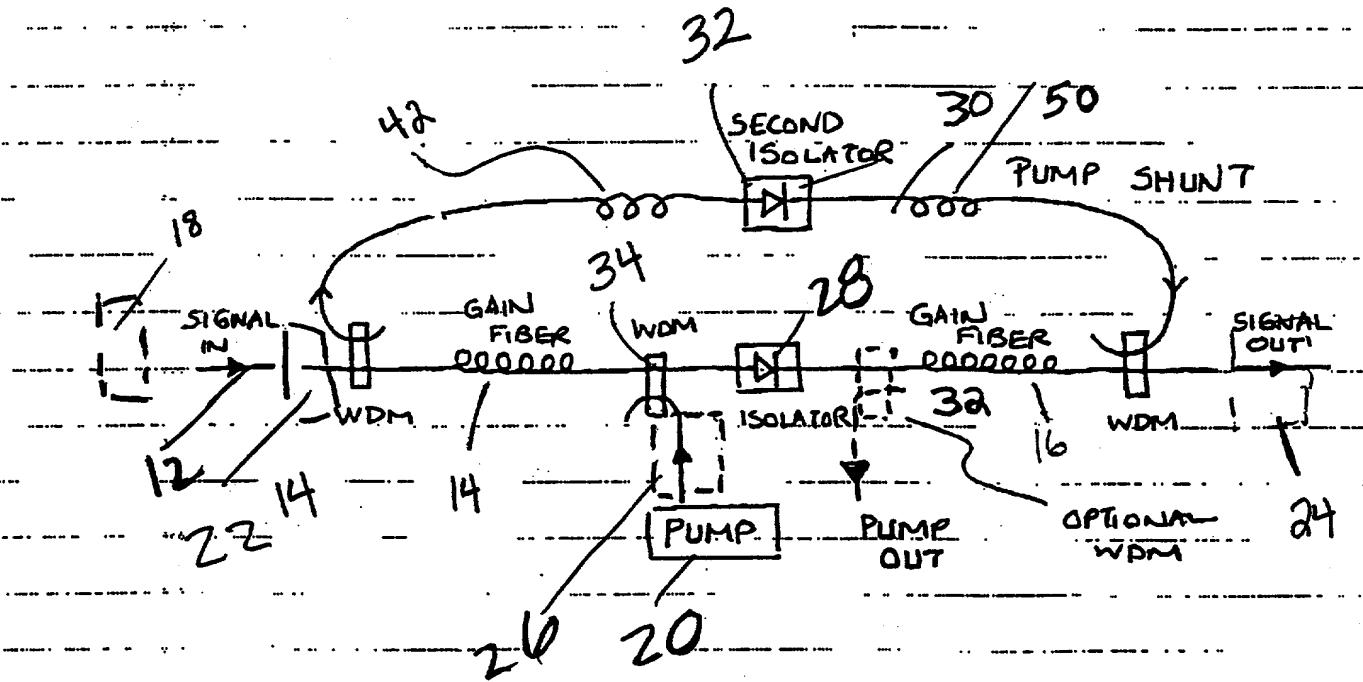


FIG. 4



1,000,148,345 • 0,422,102

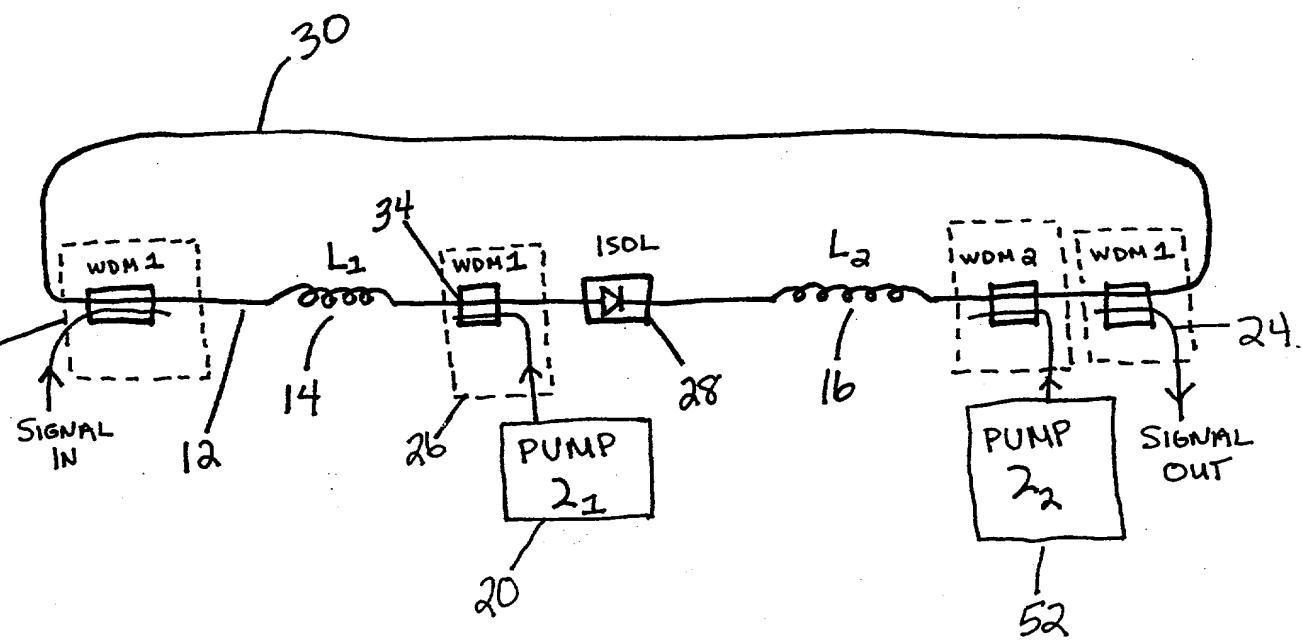


FIG. 6

1000111000000000

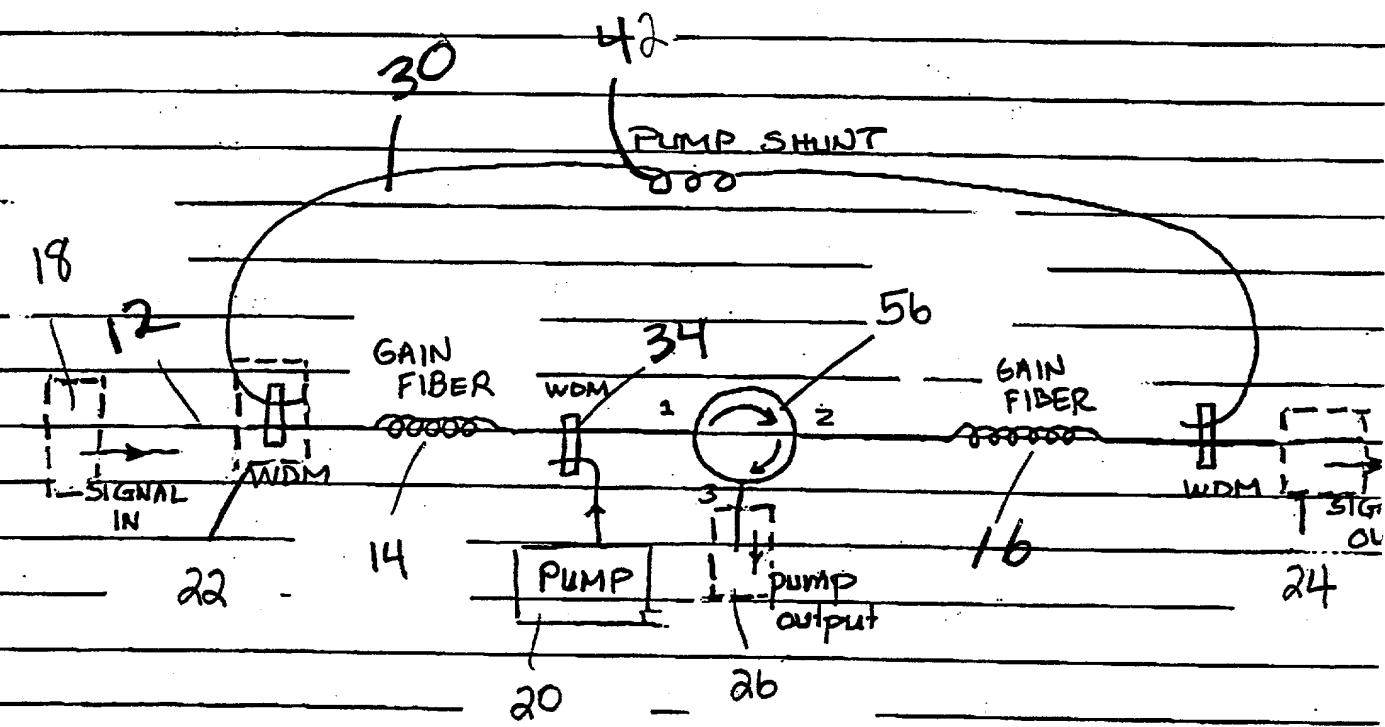


FIG. 7

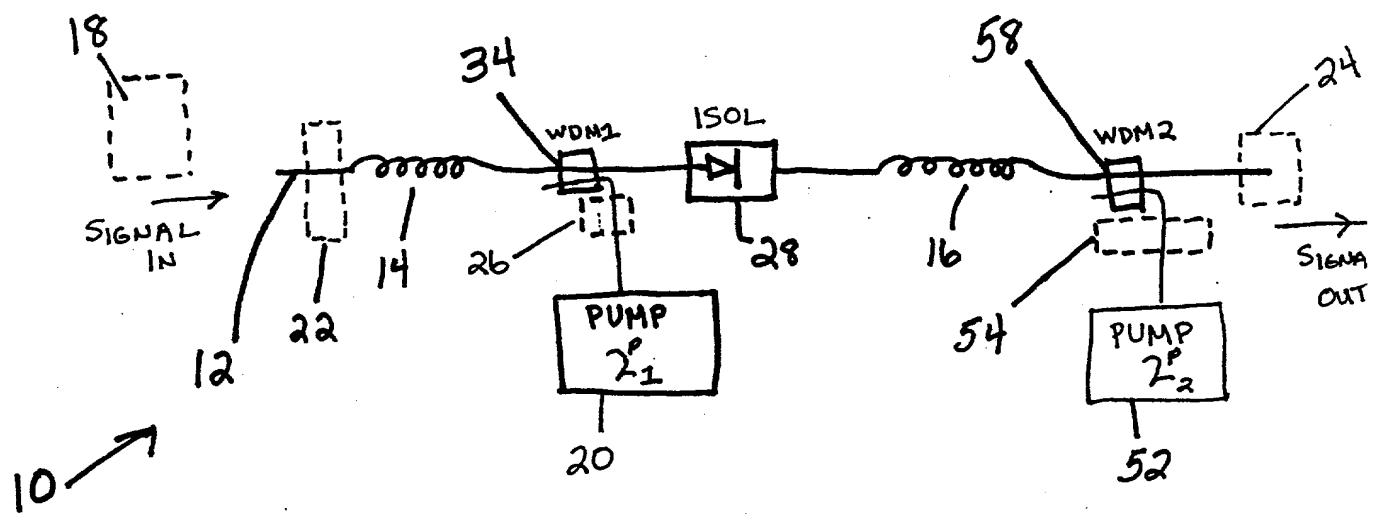


FIG. 8

FIG. 8b

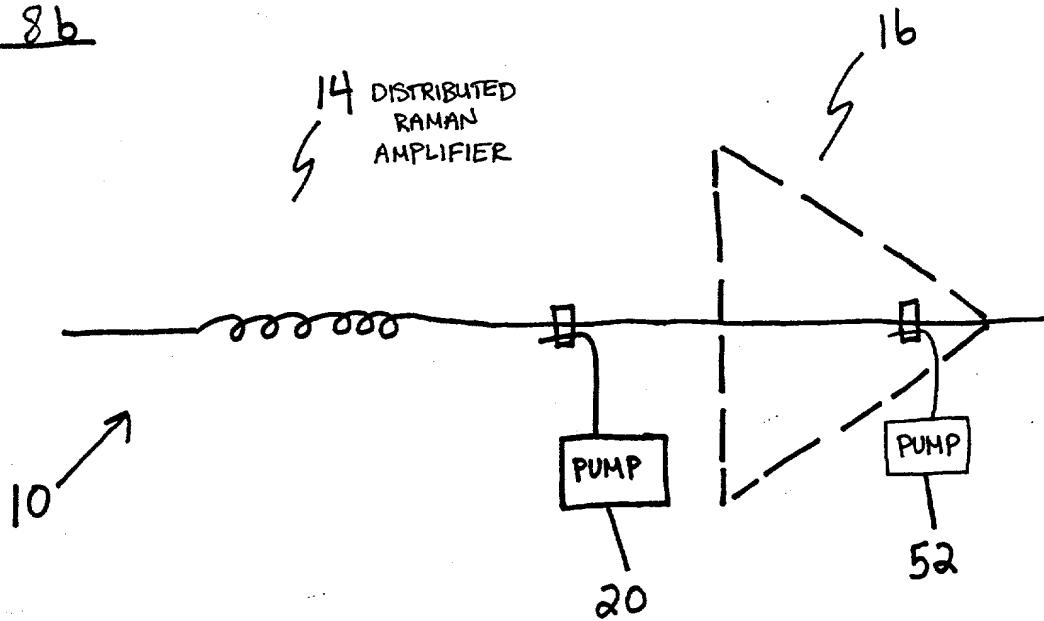
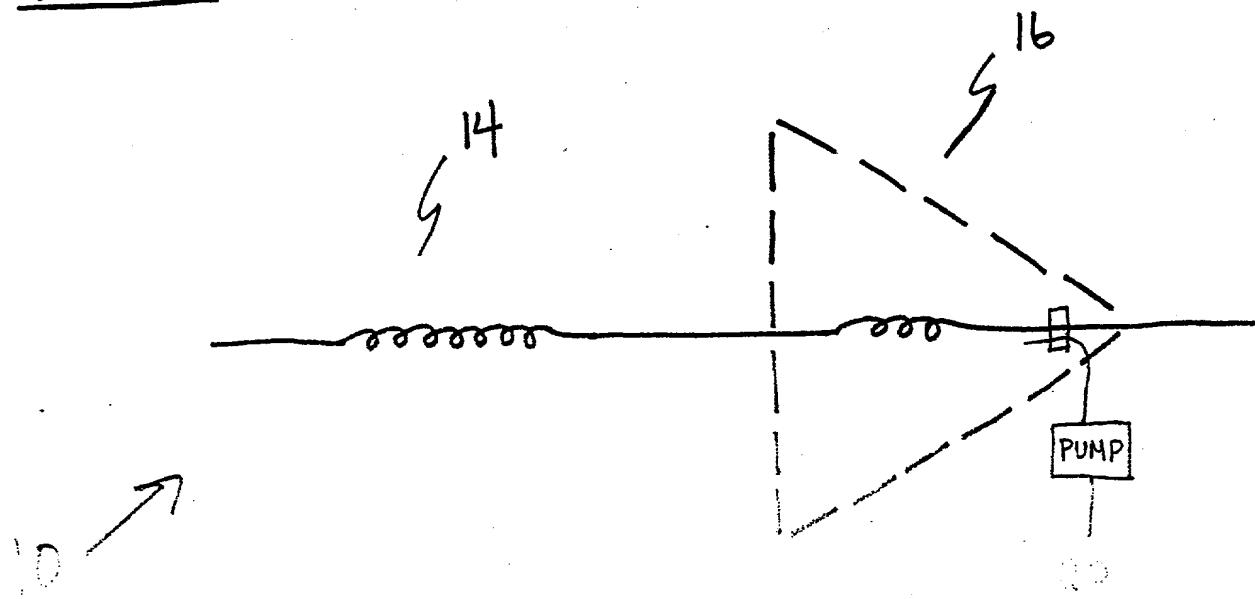


FIG. 8c



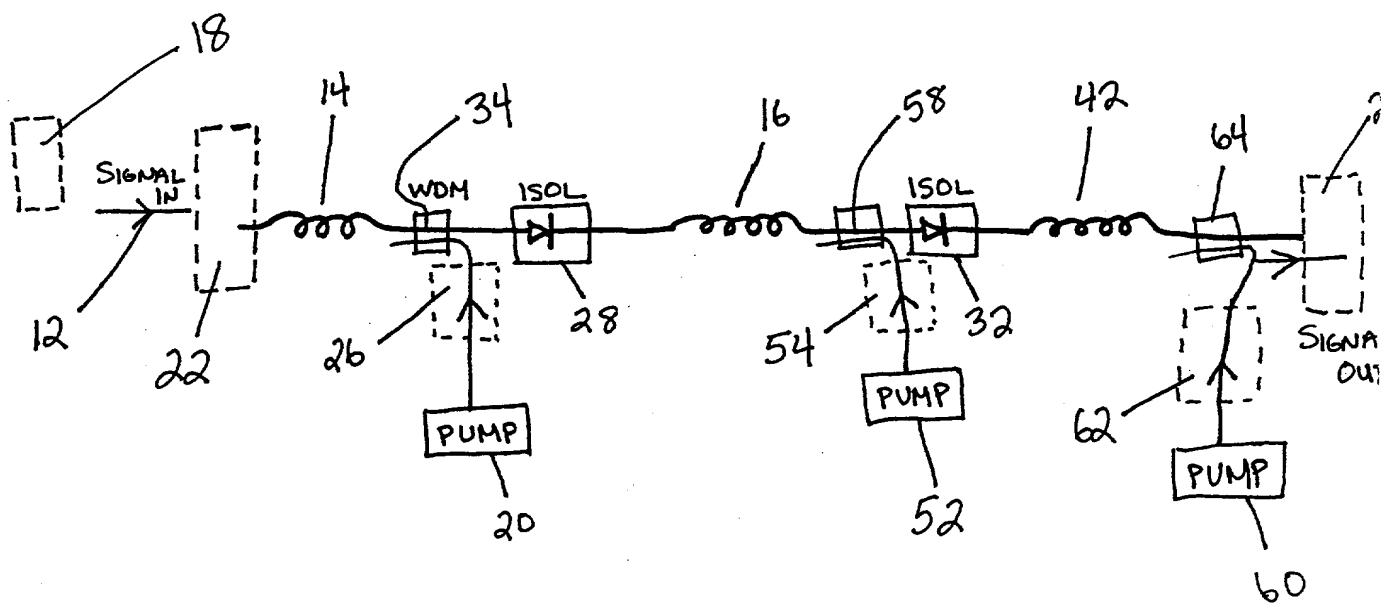


FIG. 9

ELECTRICAL ENGINEERING

PUMP =

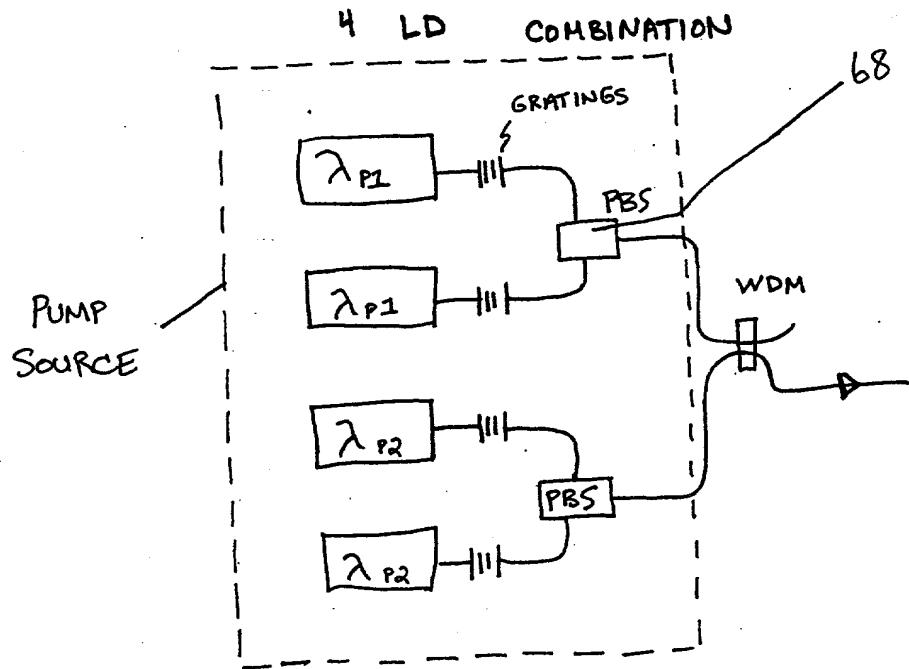


FIG. 10

8 LD COMBINATION

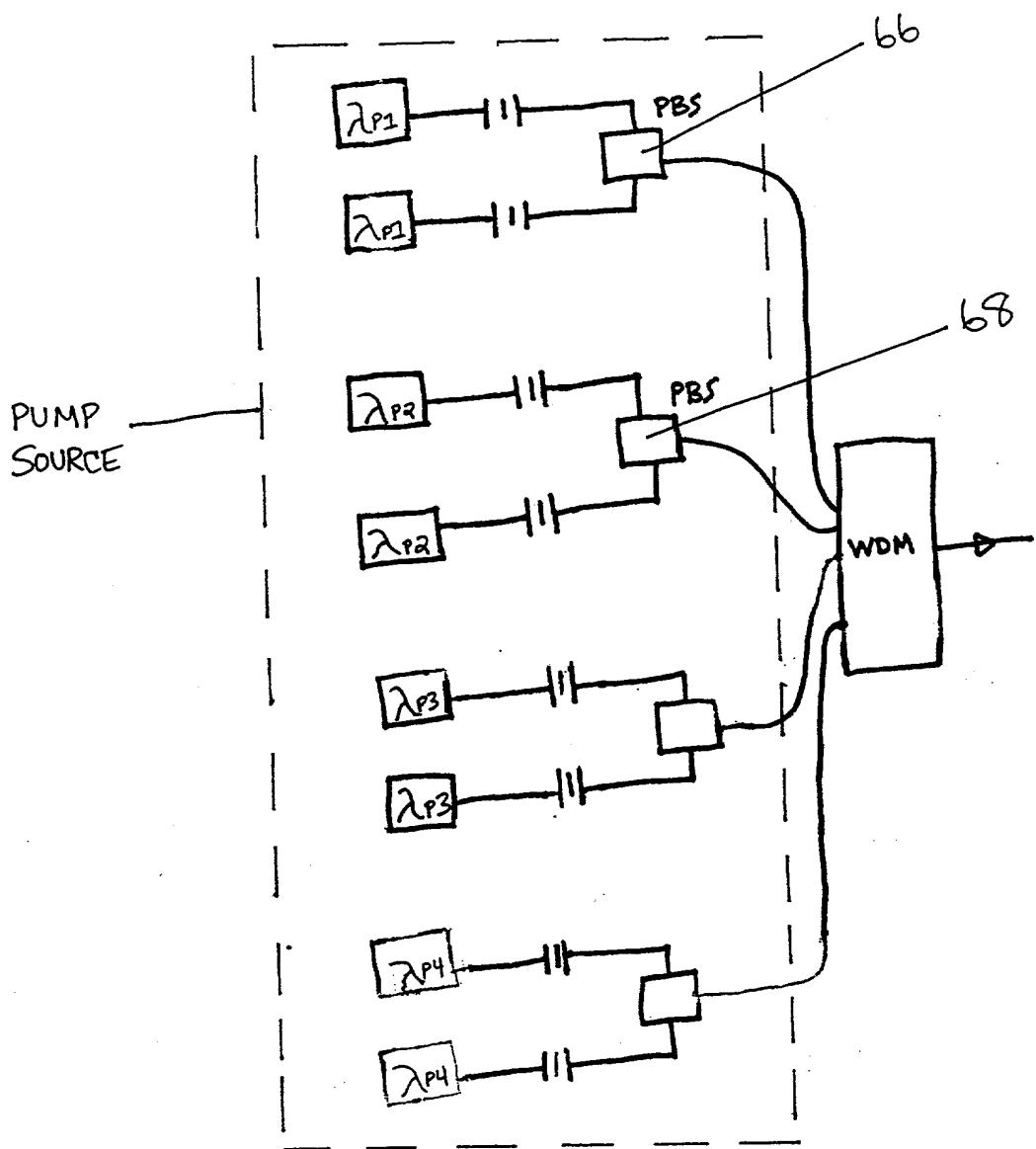


FIG. 11

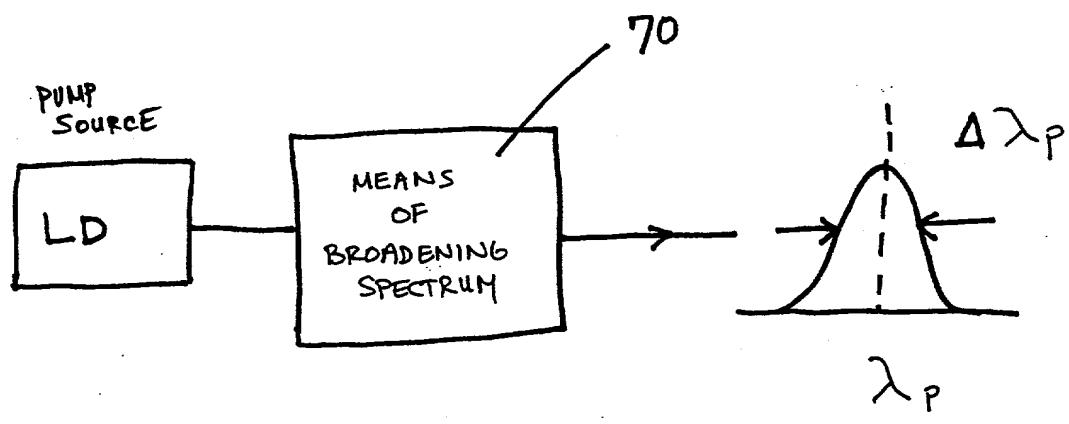


FIG. 12

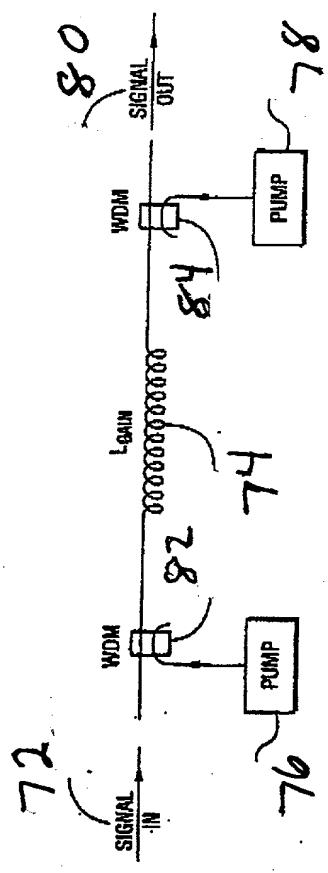
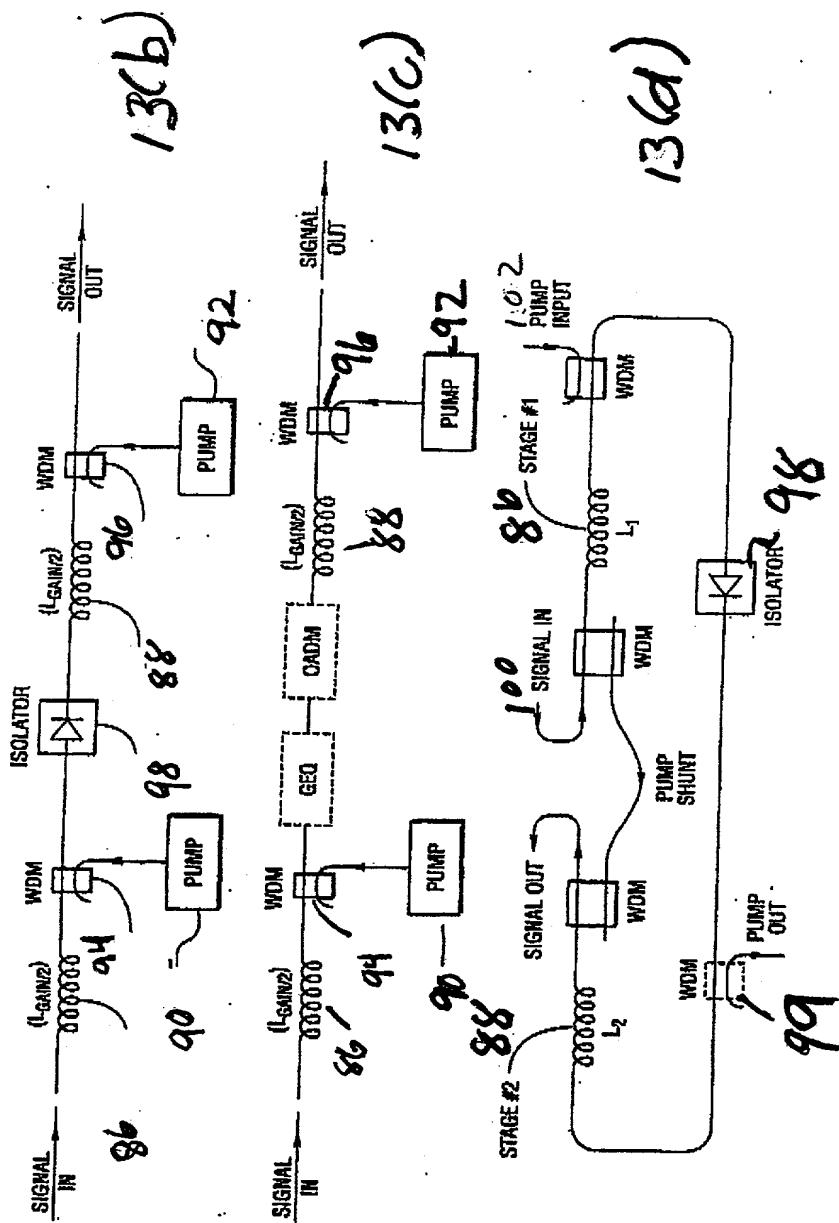


Fig 13 (a)

2000-07-14 09:44:00 UTC



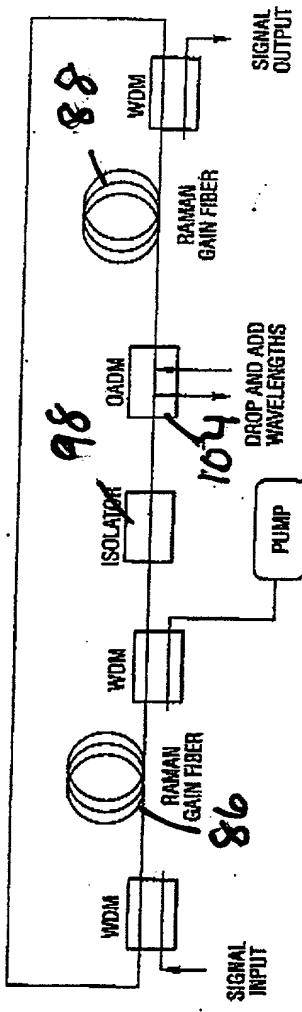


Fig 13(e)

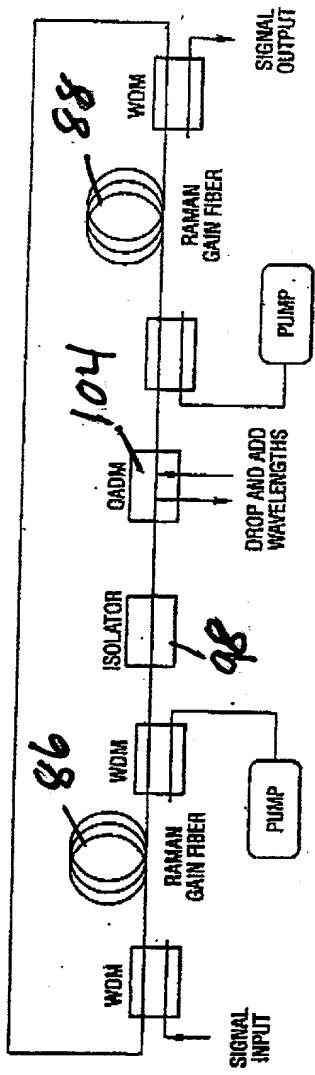
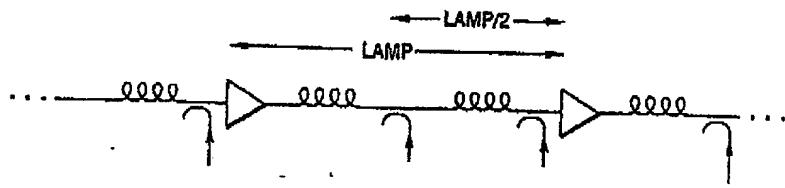
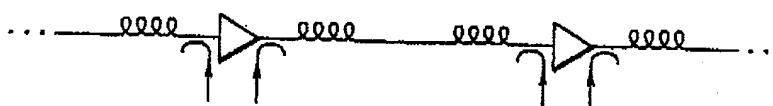


Fig 13(f)



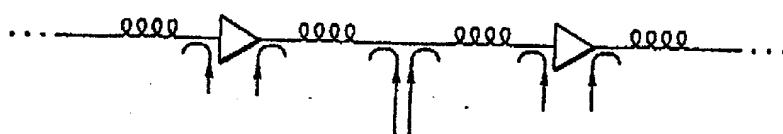
PUMPS

Fig 14(a)



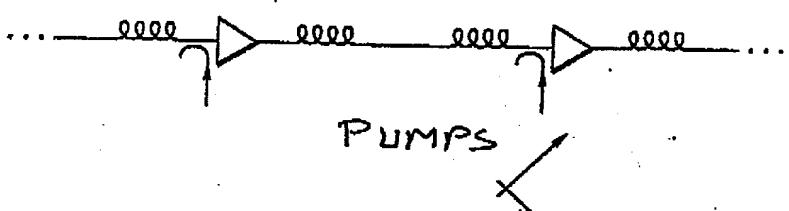
PUMPS

Fig 14(b)



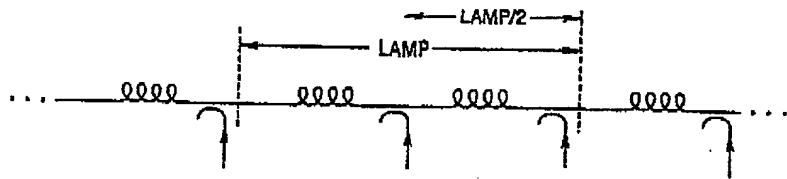
PUMPS

Fig 14(c)



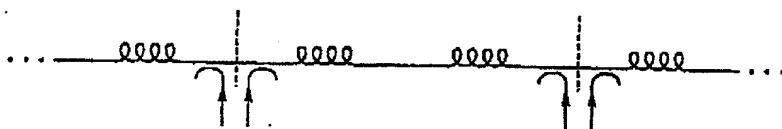
PUMPS

Fig 14(d)



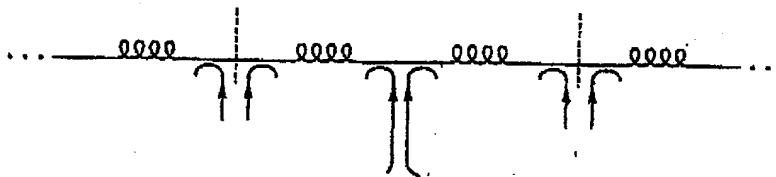
PUMPS

Fig. 15(a)



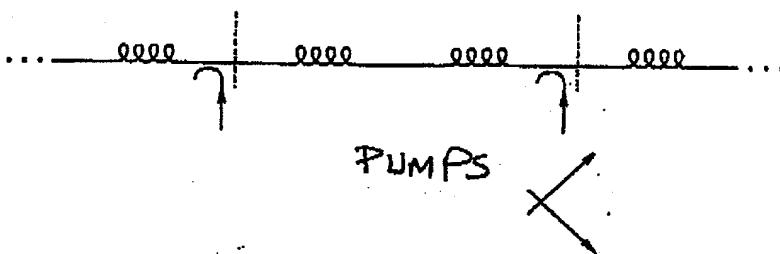
PUMPS

Fig. 15(b)



PUMPS

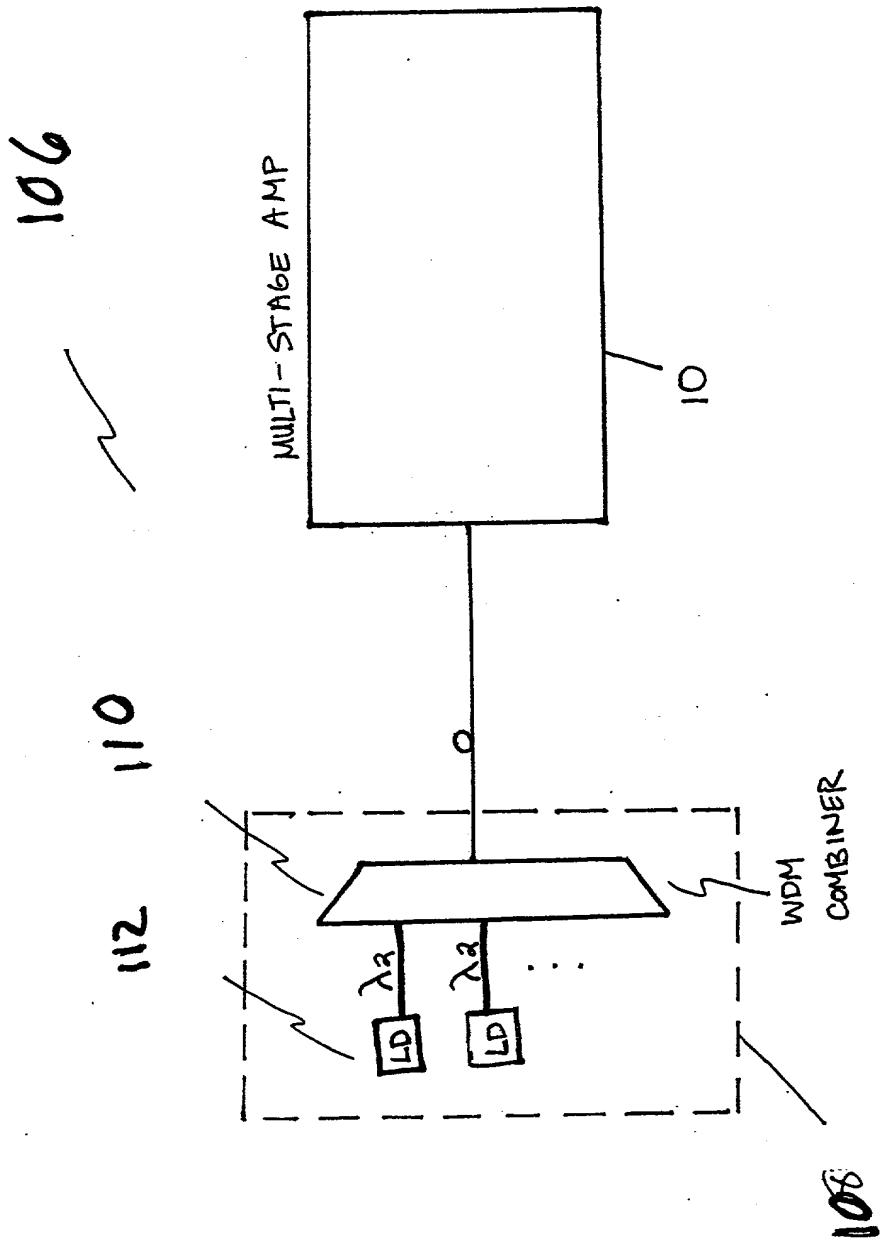
Fig. 15(c)



PUMPS

Fig. 15(d)

Fig. - 16



113 114 115 116 117 118

113

114

MULTI-STAGE AMP

RCVR

WDM
SPLITTER

10

116

F16.

17

118

120

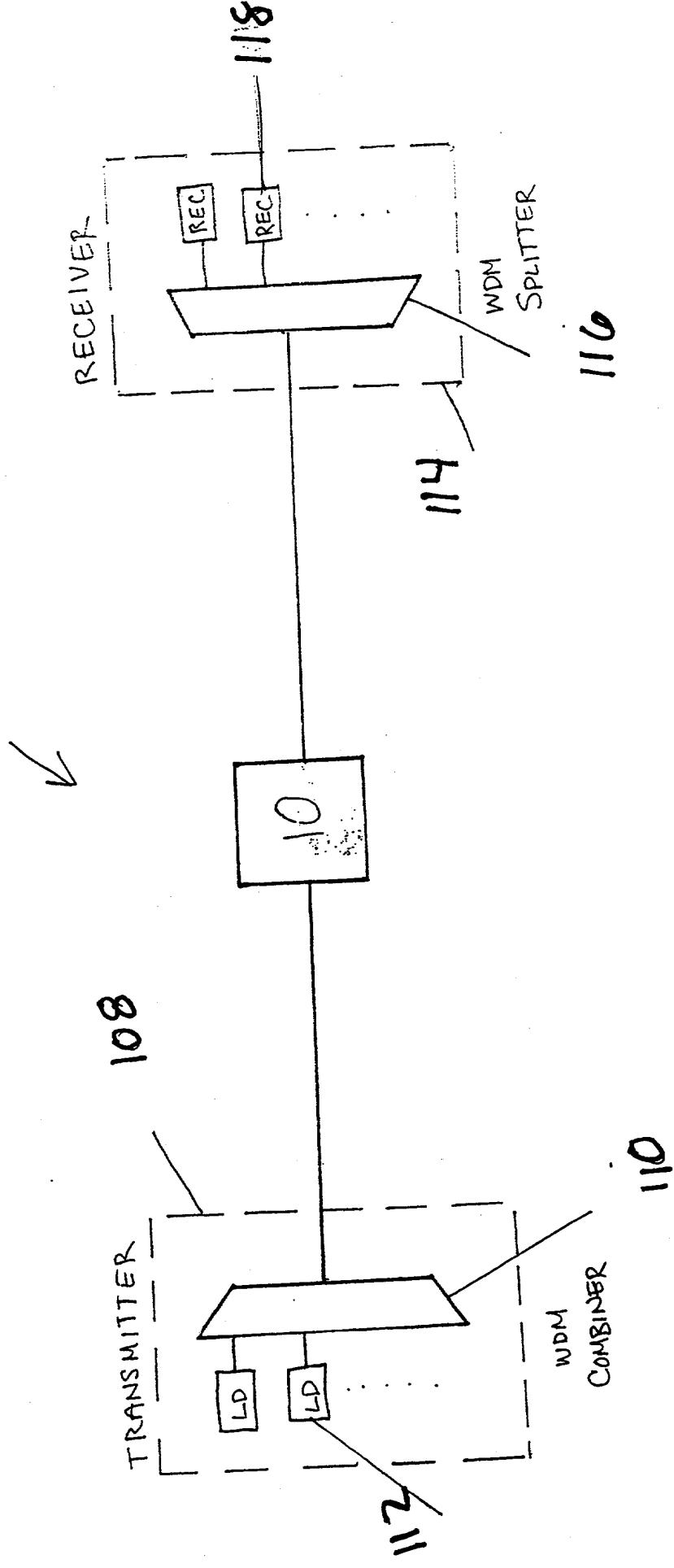


Fig. 18

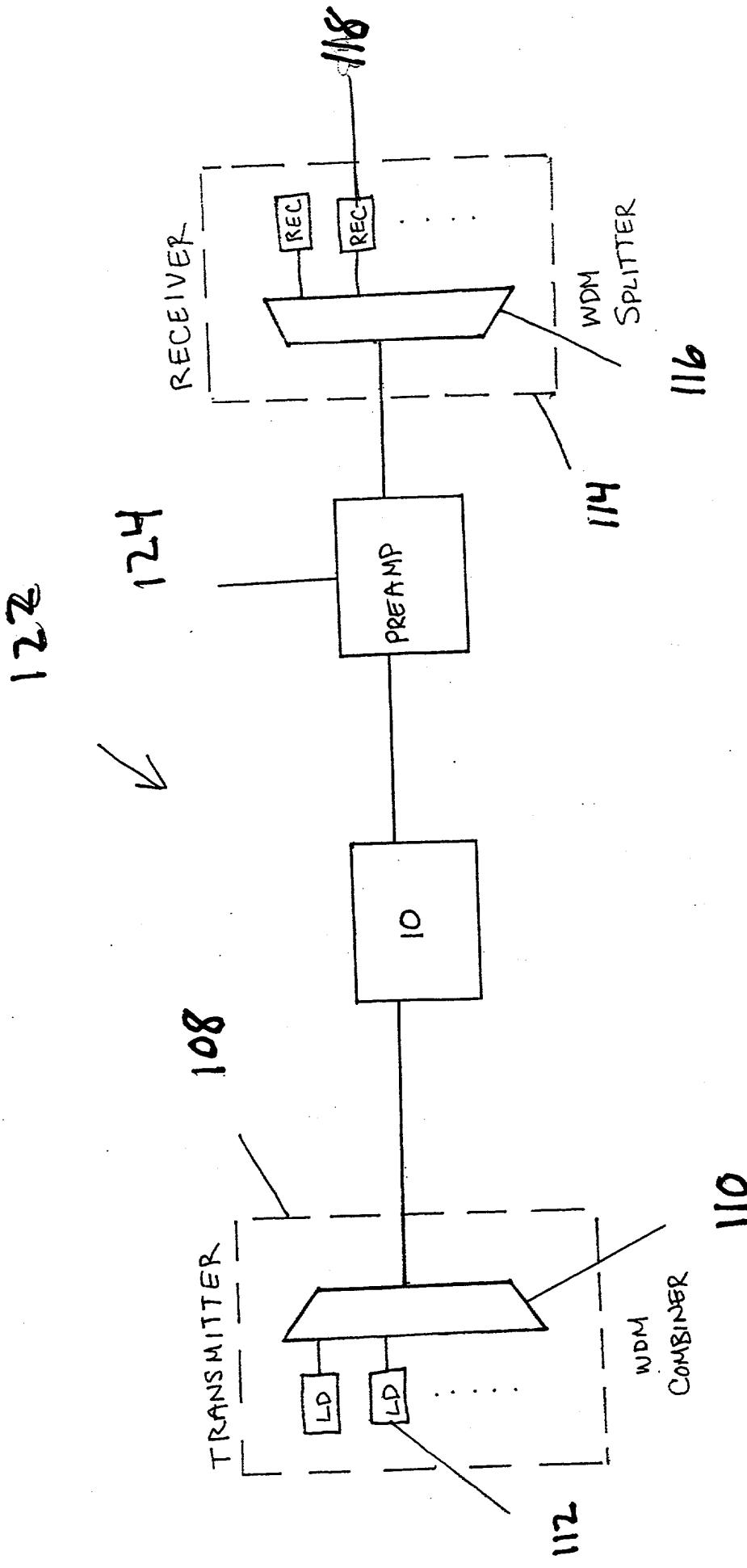


Fig. 19

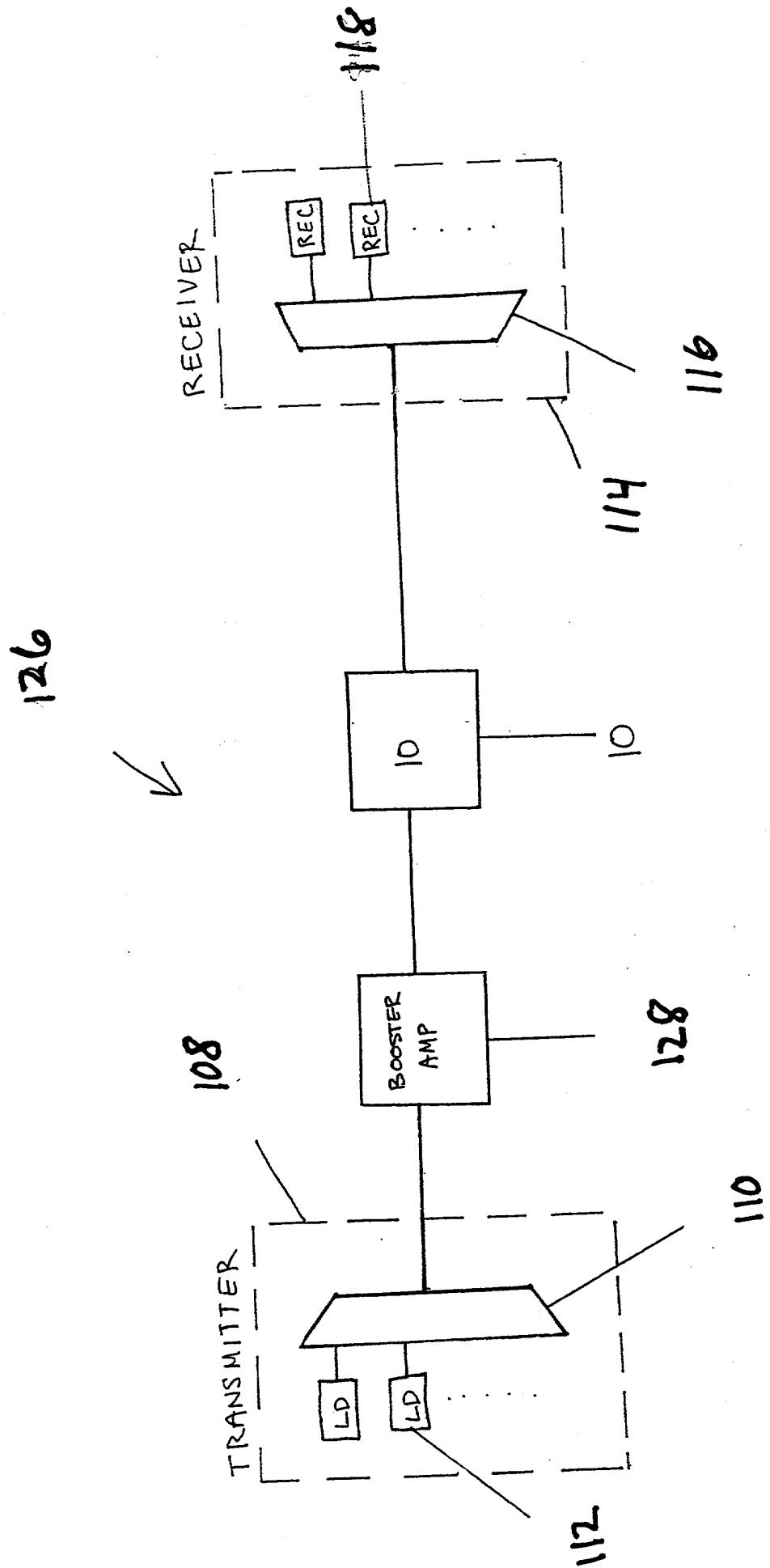
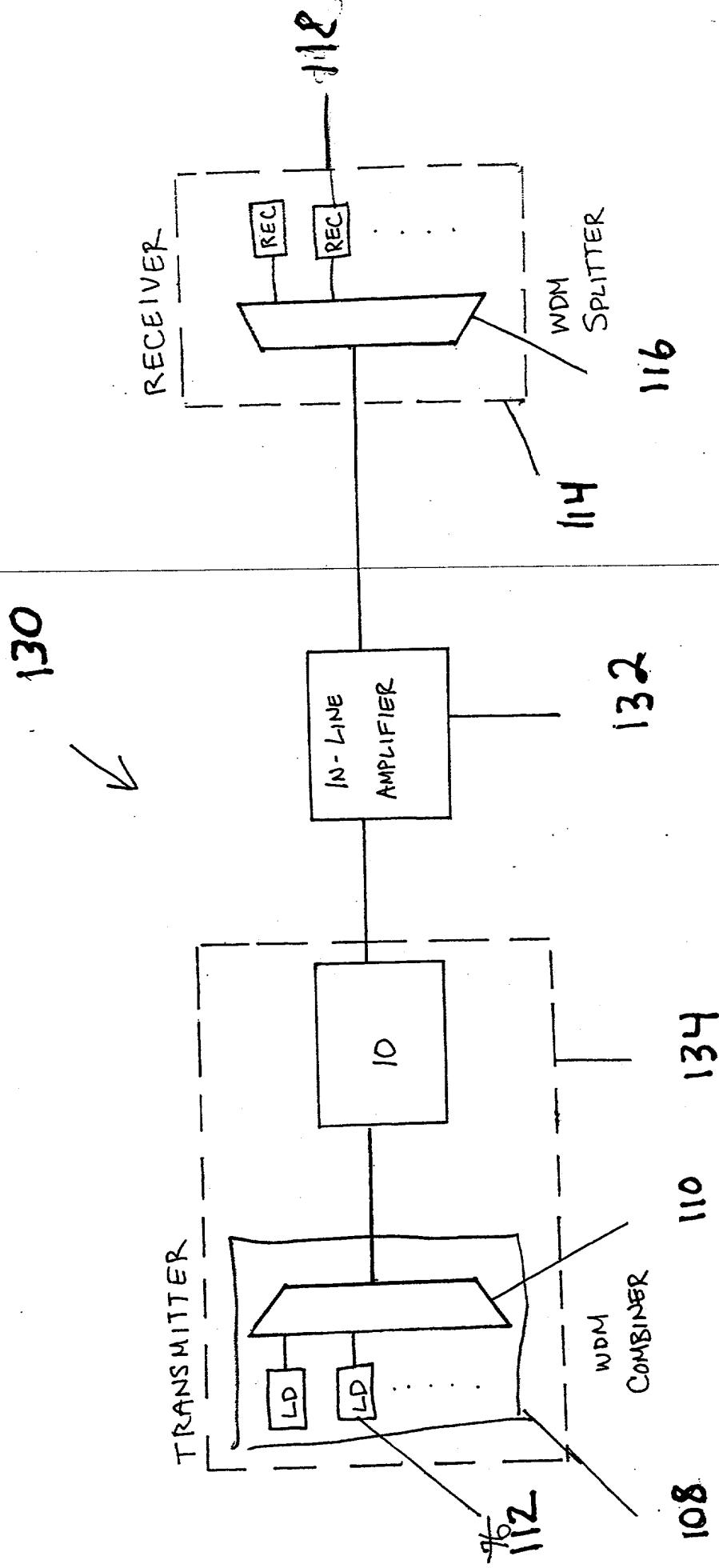


Fig. 20

Fig. 21



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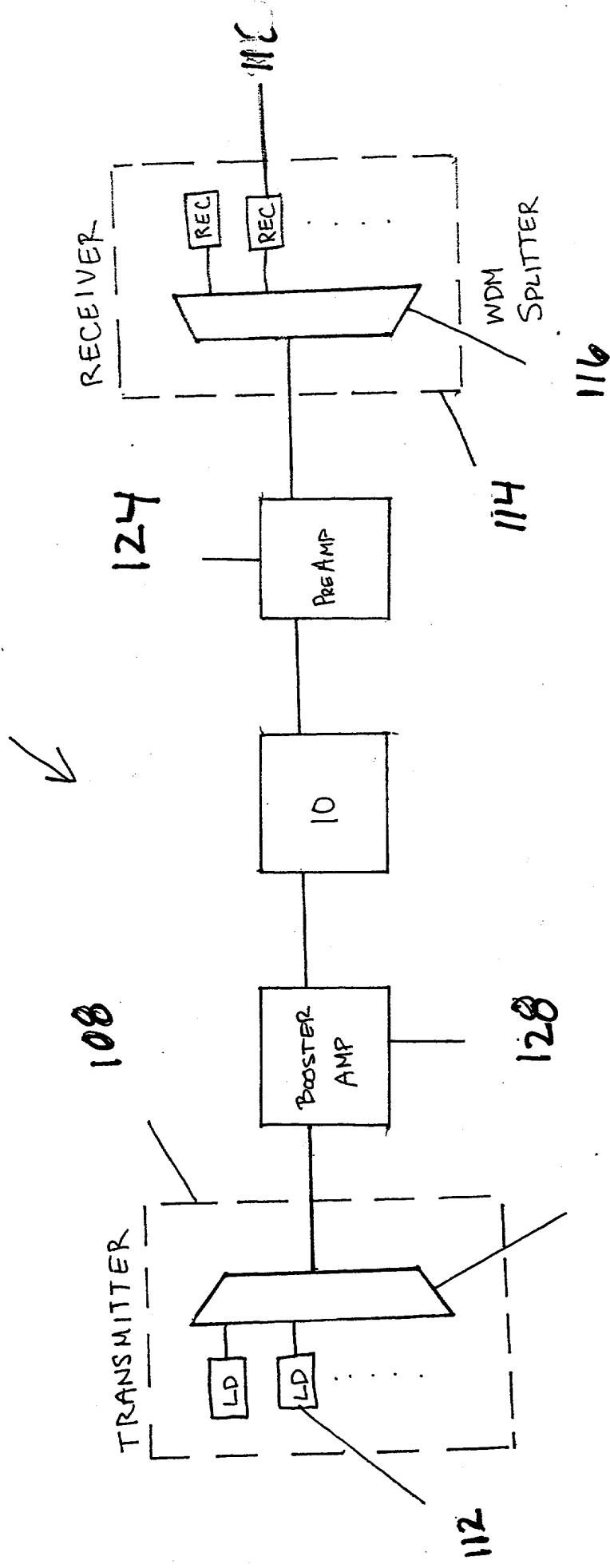


Fig. 22

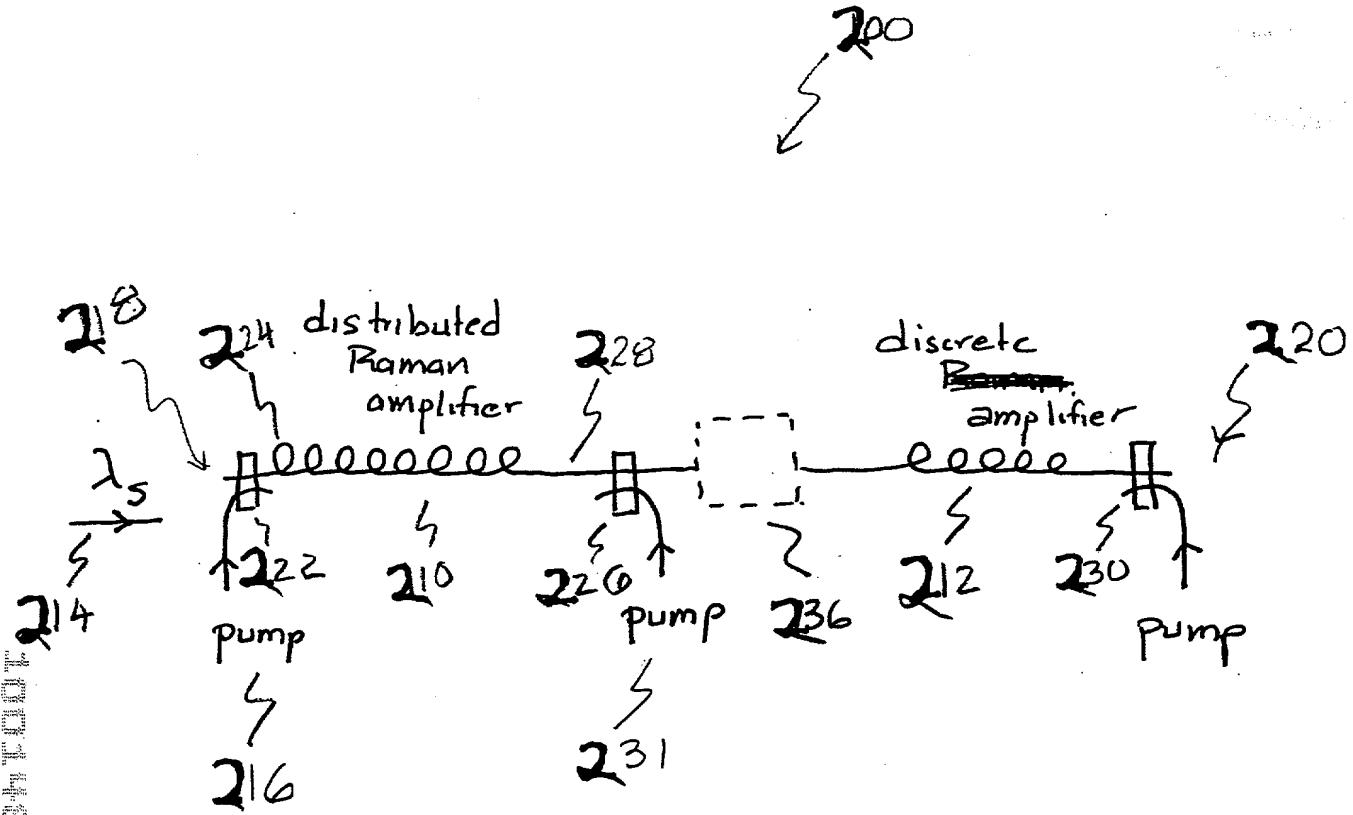


Fig 23 (a)

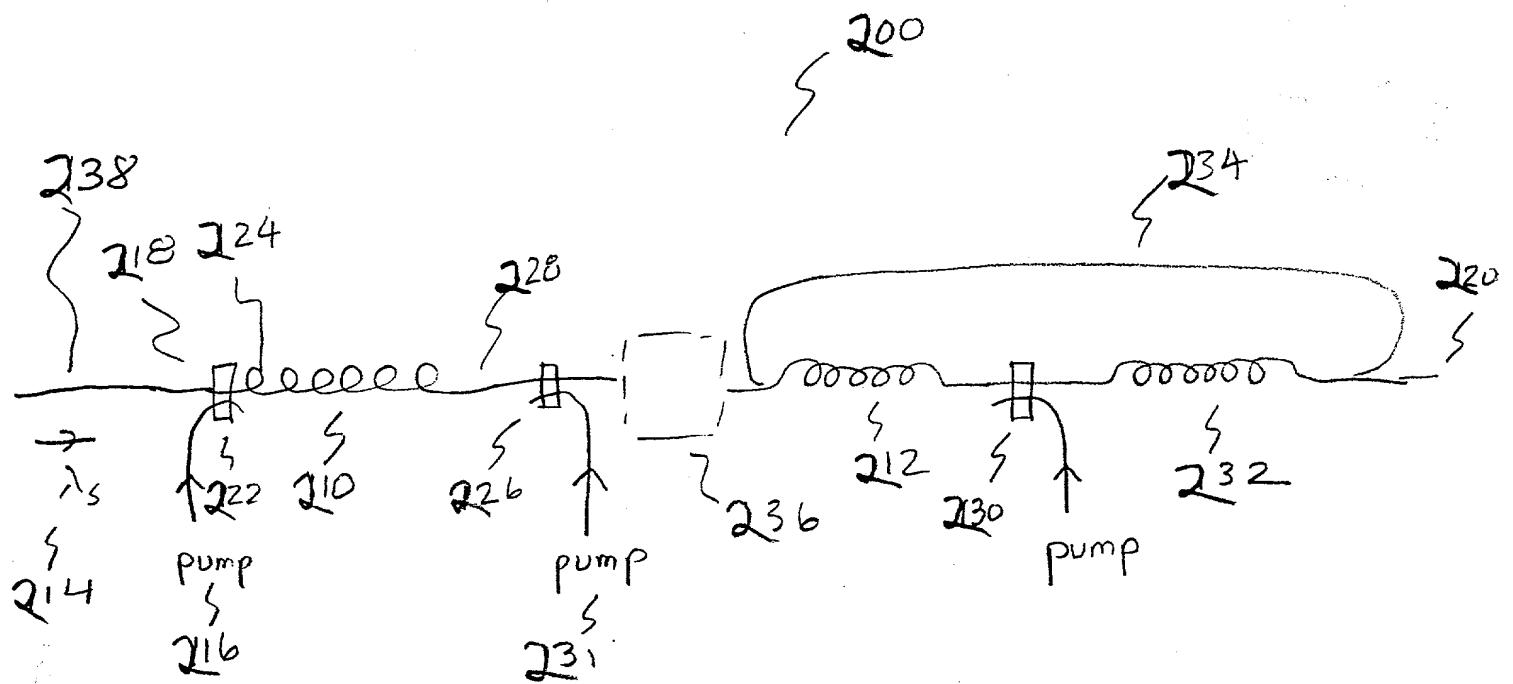


Fig 23 (b)

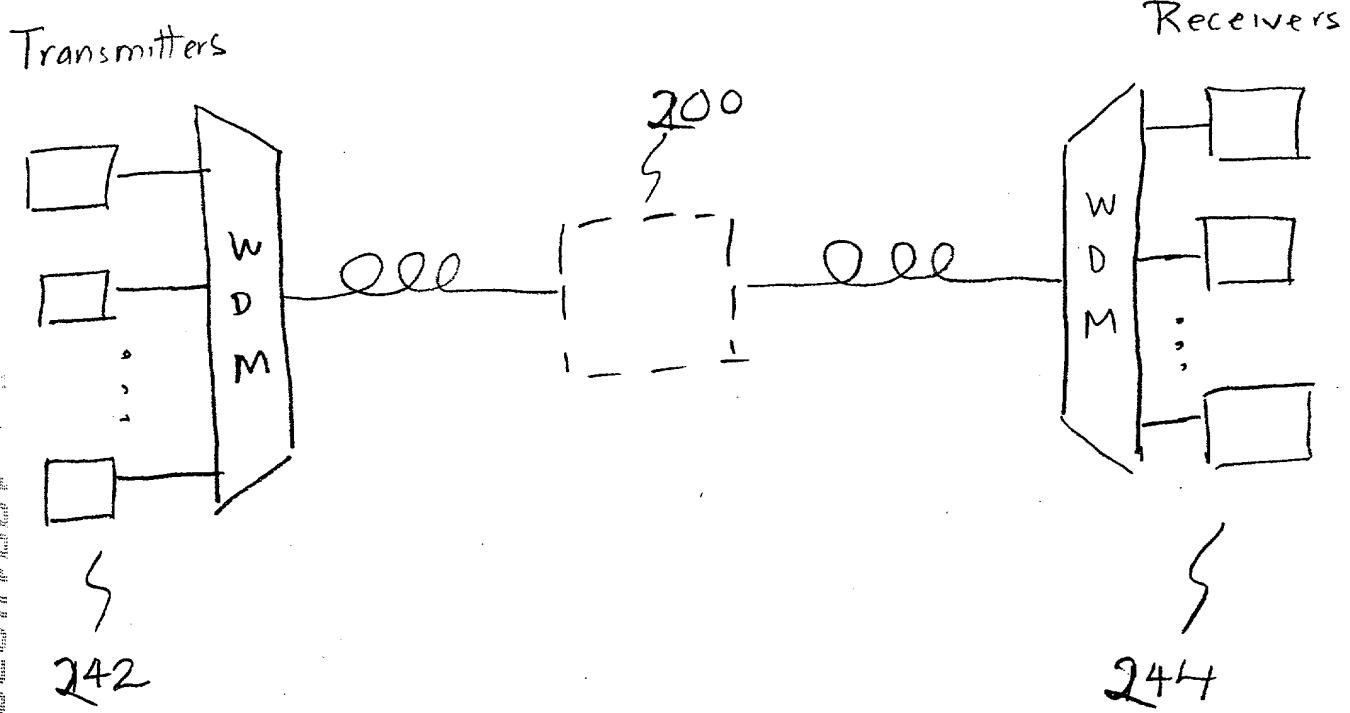


Fig 23.(c)

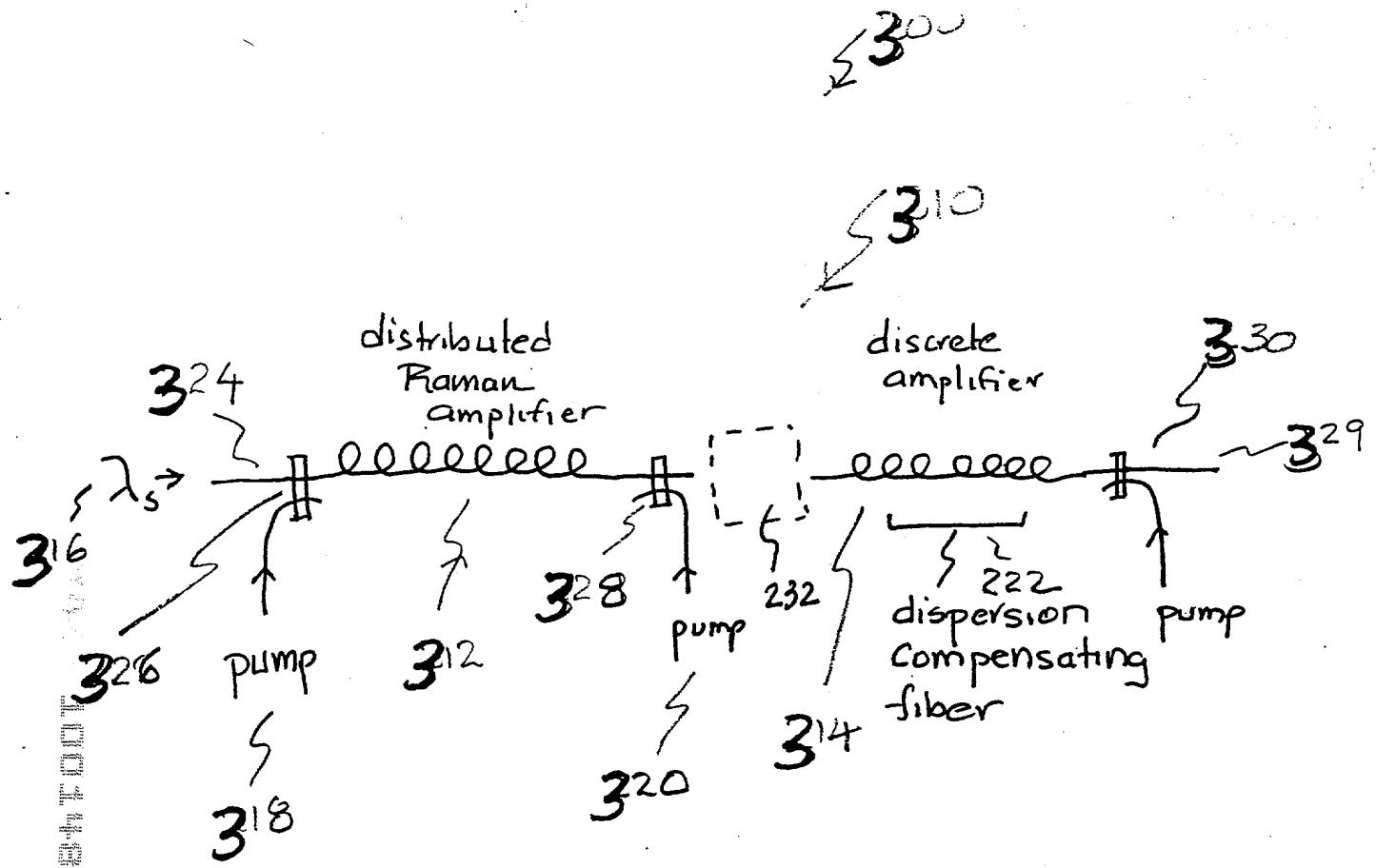
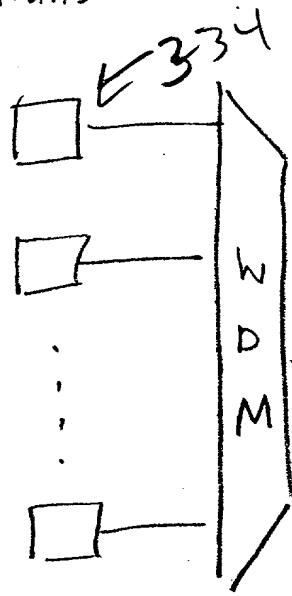


Fig 24(a)

Transmitters



300

Receivers

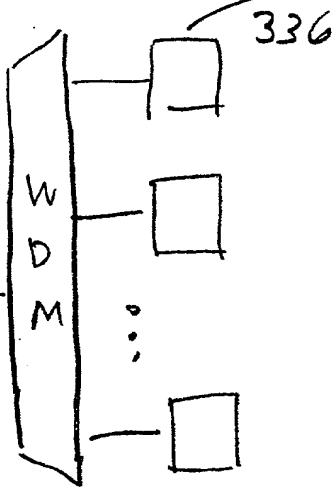


Fig. 24(b)

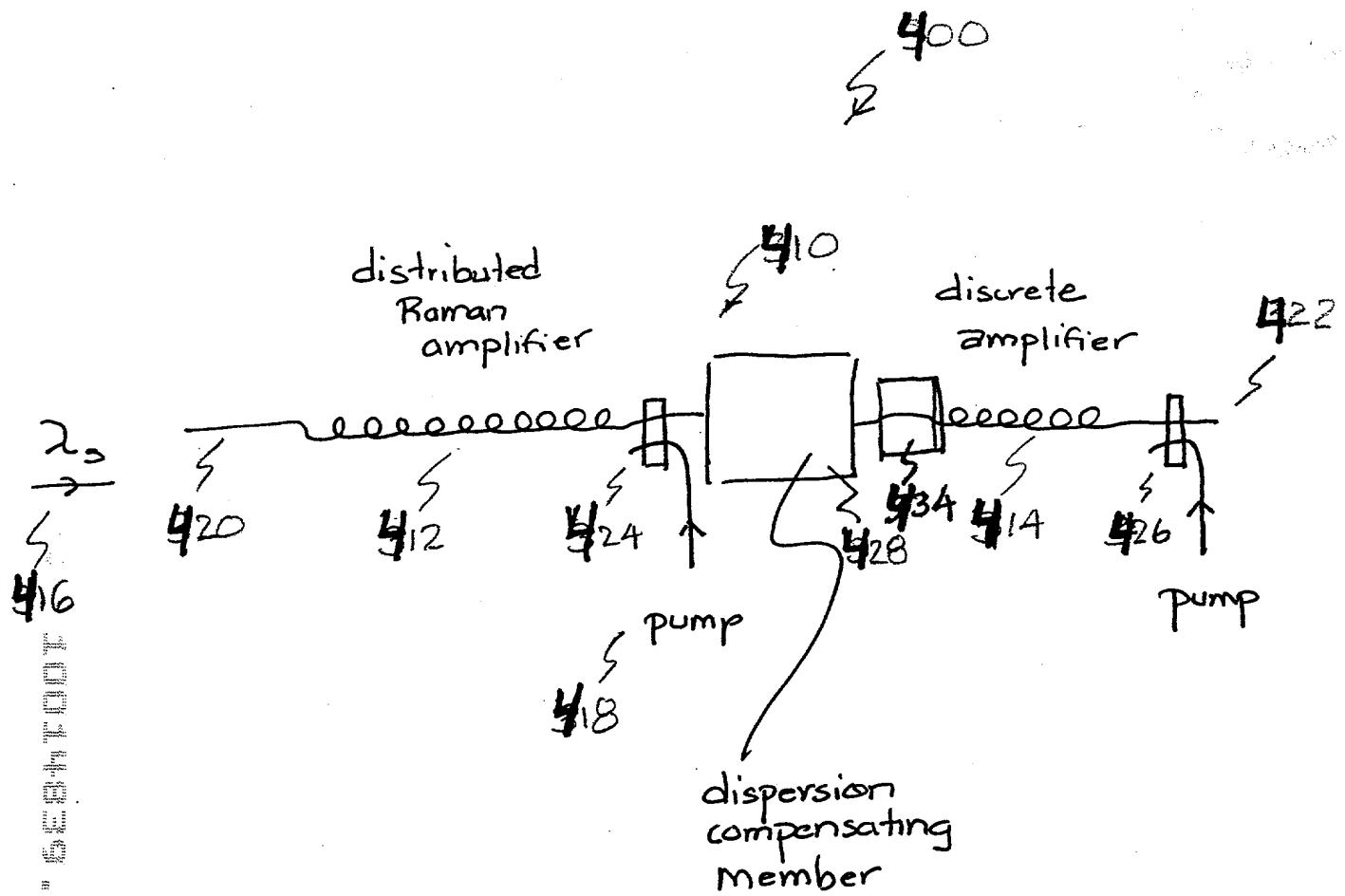


Fig 25(a)

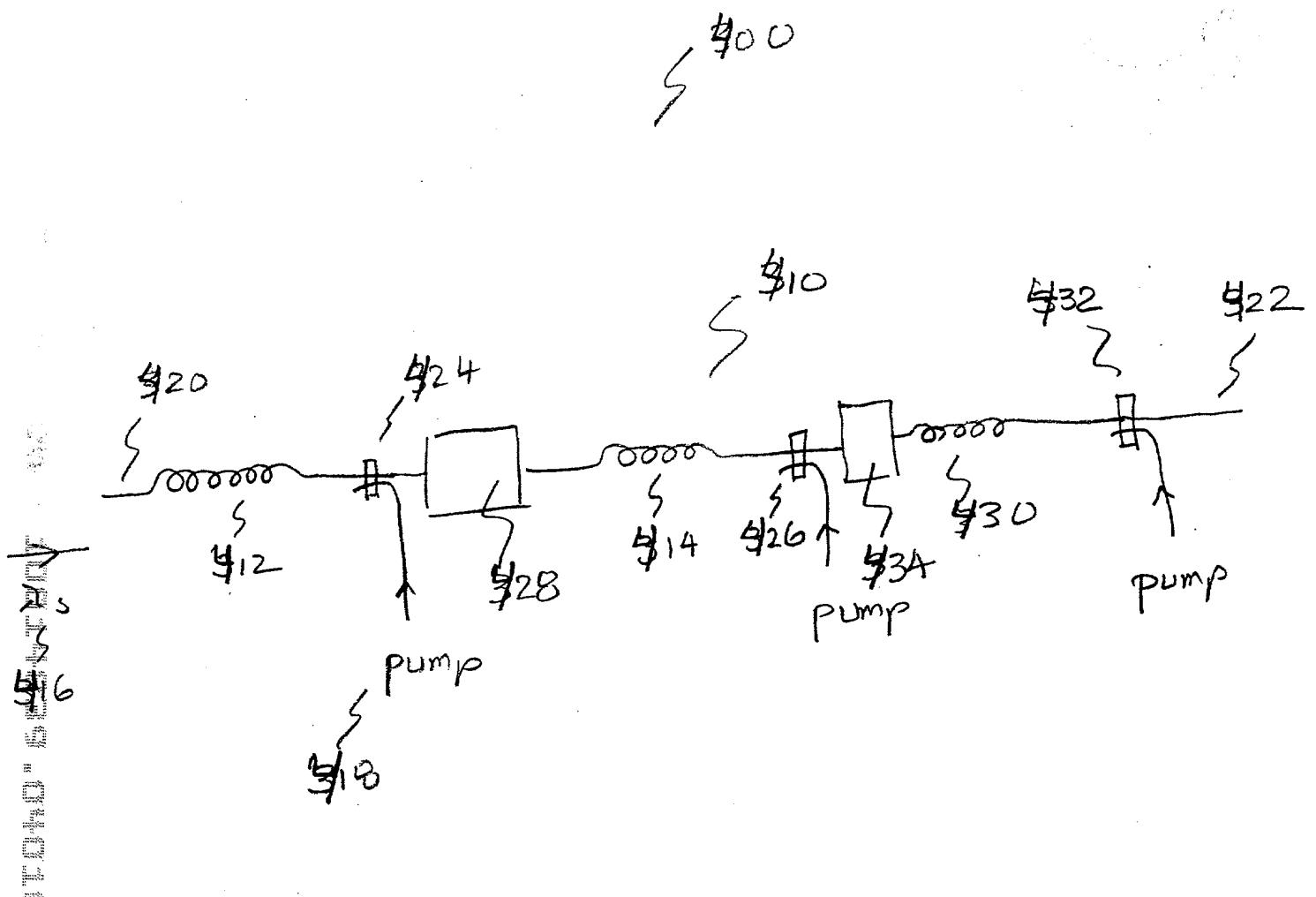
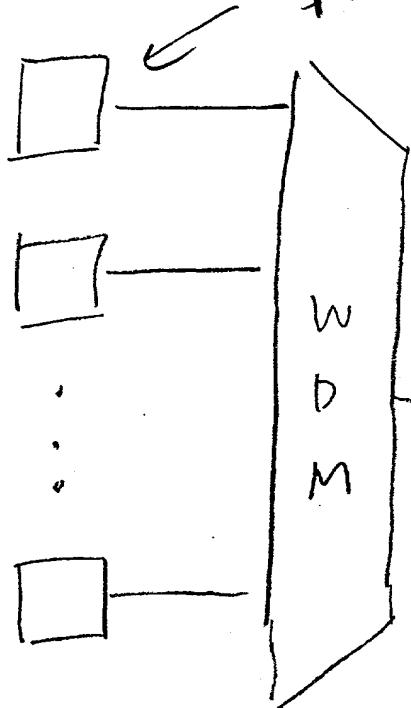


Fig. 25(b)

Transmitters #36



Receivers .

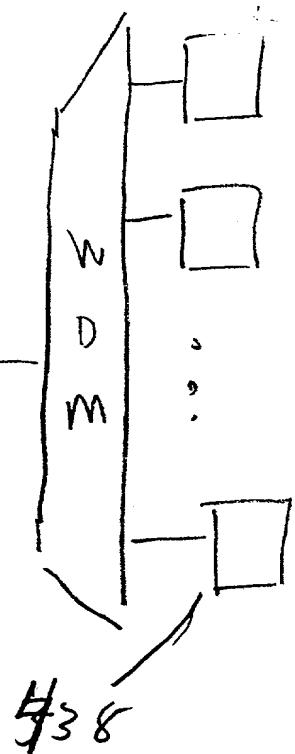


Fig 25.(c)

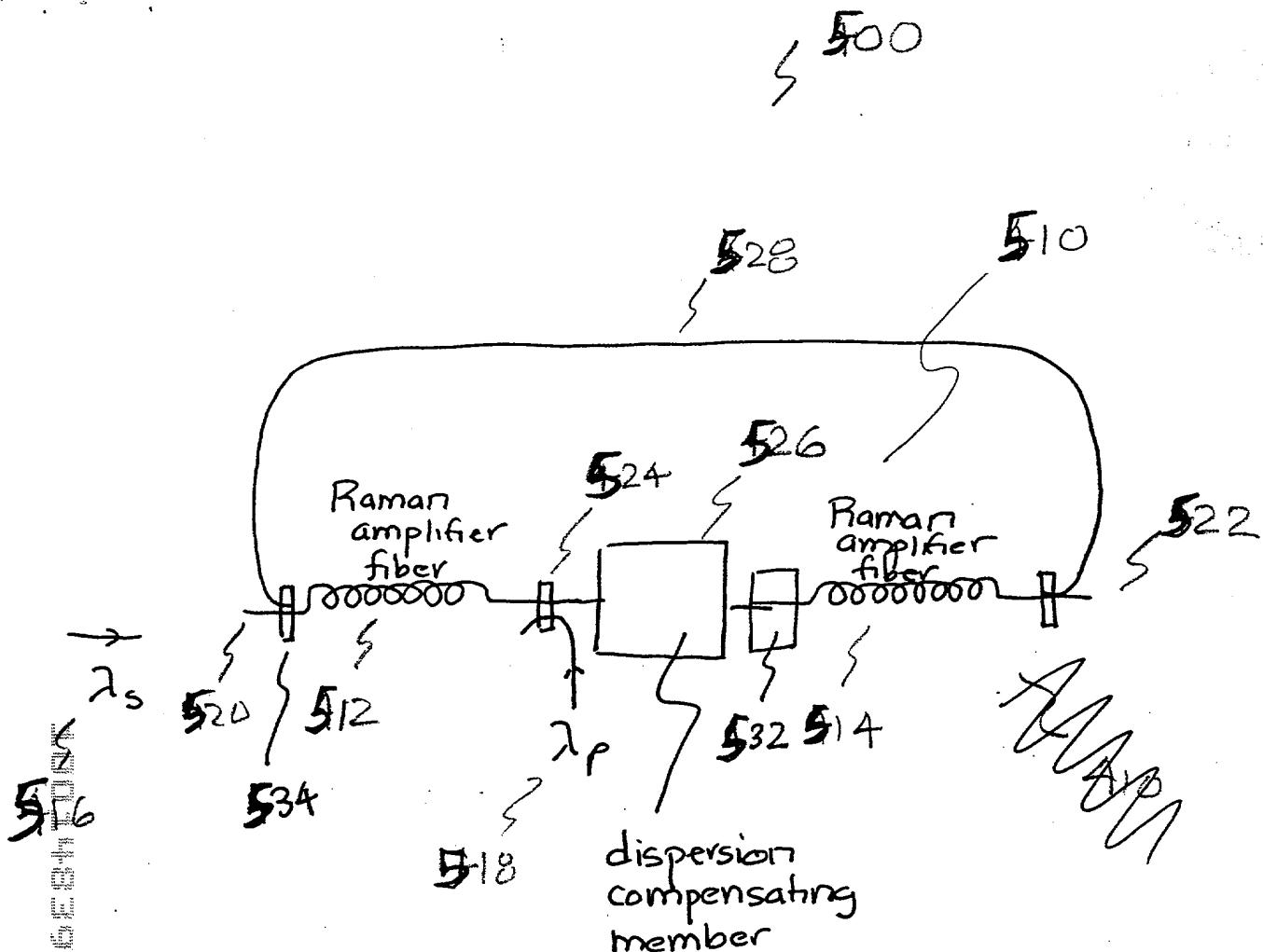


Fig 26 (a)

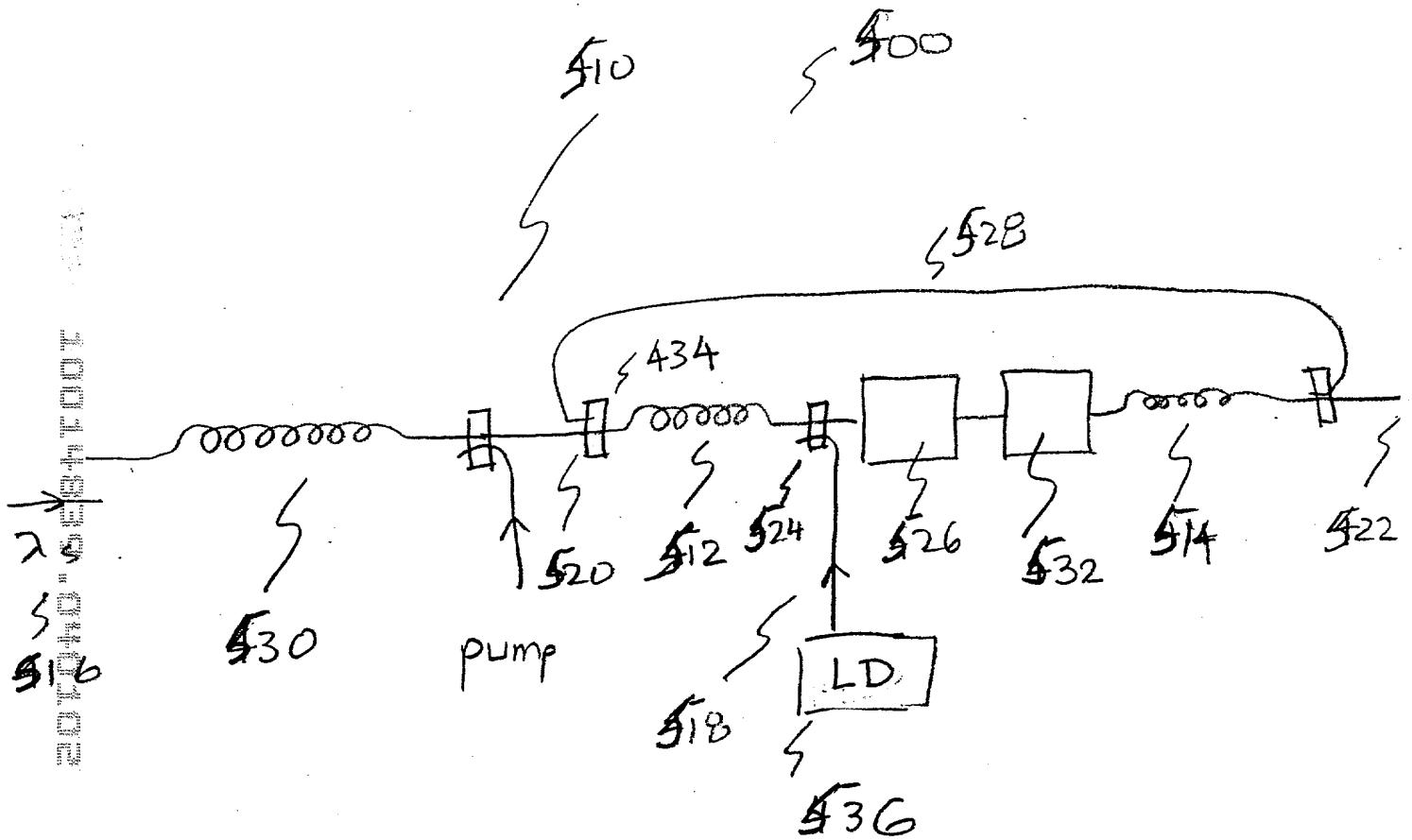


FIG 26 (b)

Transmitters

Receivers

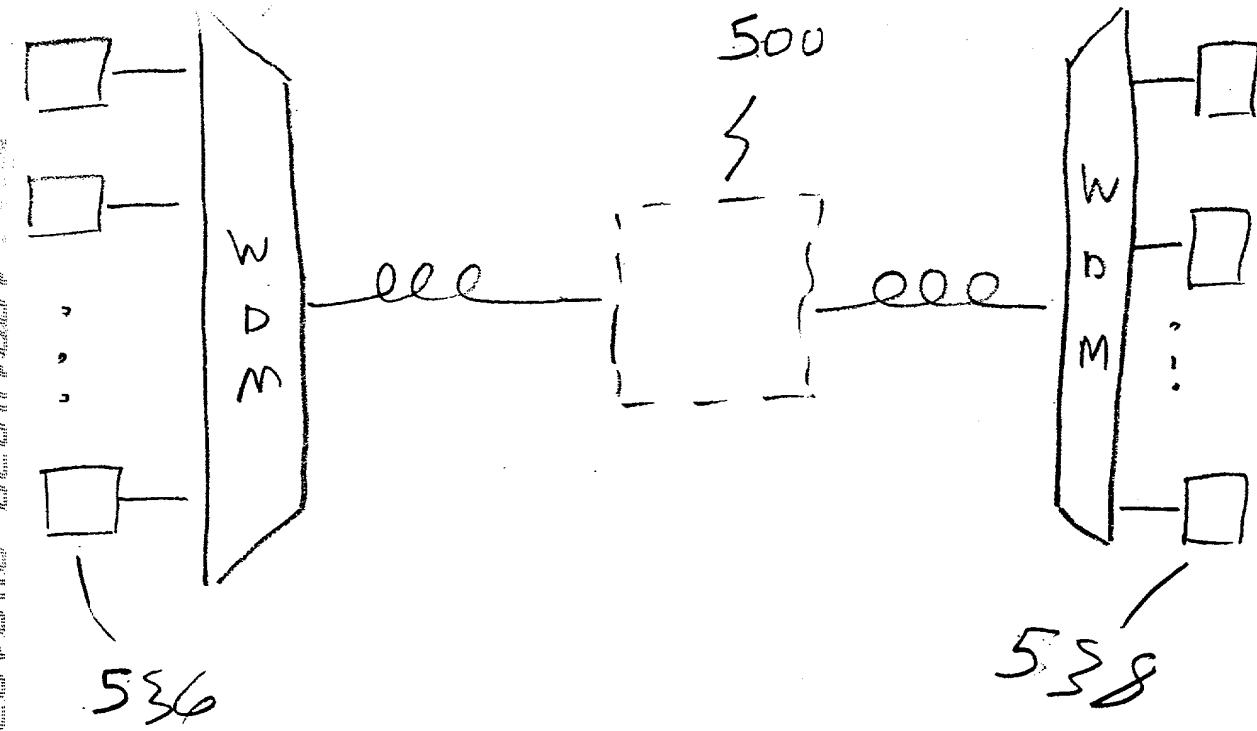


FIG. 26(c)